

| Ref # | Hits | Search Query                                 | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S1    | 18   | imidazolium and "136"/\$.ccls.               | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 11:51 |
| S2    | 0    | vinylimidazolium and "136"/\$.ccls.          | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 11:51 |
| S3    | 5    | (vinyl near2 imidazolium) and "136"/\$.ccls. | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 12:07 |
| S4    | 319  | vinylimidazolium                             | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 12:07 |
| S5    | 1    | vinylalkylimidazolium                        | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 12:08 |
| S6    | 0    | vinyl adj alkylimidazolium                   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 12:08 |
| S7    | 0    | vinyl adj hexylimidazolium                   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 12:08 |
| S8    | 0    | vinylhexylimidazolium                        | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 12:08 |
| S9    | 6    | vinyl near2 alkylimidazolium                 | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 12:11 |

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| S10 | 6  | vinyl near3 alkylimidazolium                    | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 12:11 |
| S11 | 0  | vinyl near3 hexylimidazolium                    | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 12:11 |
| S12 | 1  | alkylimidazolium and "136"/\$.ccls.             | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 12:13 |
| S13 | 0  | (alkyl near2 imidazolium) and "136"/\$.ccls.    | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 12:30 |
| S14 | 0  | (vinyl near2 imidazole) and "136"/\$.ccls.      | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 12:30 |
| S15 | 2  | (vinyl near2 imidazole) and "136"/\$.ccls.      | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 12:31 |
| S16 | 0  | (vinylimidazole) and "136"/\$.ccls.             | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 12:31 |
| S17 | 0  | (vinylalkylimidazole) and "136"/\$.ccls.        | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 12:31 |
| S18 | 30 | (vinylalkyl imidazole) and "136"/\$.ccls.       | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 12:31 |
| S19 | 0  | (vinylalkyl near2 imidazole) and "136"/\$.ccls. | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 12:31 |

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| S20 | 0  | (vinyl near2 alkyl near2 imidazole) and "136"/\$.ccls.                         | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON | 2005/08/04 12:31 |
| S21 | 0  | (vinyl near2 alkyl near2 imidazole) and (solar)                                | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON | 2005/08/04 12:32 |
| S22 | 0  | (vinyl near2 alkylimidazole) and (solar)                                       | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | ON | 2005/08/04 12:32 |
| S24 | 48 | 136/263.ccls. and imidazolium  | US-PGPUB;<br>USPAT  | OR | ON | 2005/08/04 12:47 |
| S25 | 0  | jp-2002289268-\$.did.  | US-PGPUB;<br>USPAT  | OR | ON | 2005/08/04 12:35 |
| S26 | 2  | jp-2002289268-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 12:35 |
| S27 | 2  | wo-9518456-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 13:14 |
| S28 | 53 | "136"/\$.ccls. and imidazolium and concentration                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 13:14 |
| S29 | 62 | "136"/\$.ccls. and imidazolium and ((iodine or "i.sub.2") near2concentration)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 13:15 |
| S30 | 25 | "136"/\$.ccls. and imidazolium and ((iodine or "i.sub.2") near2 concentration) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 13:15 |